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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:

HAMPDEN-SMITH et al.

Serial No.: 10/790,958

Filed: March 2, 2004

Confirmation No.: 2158

Atty. File No.: 41890-01693

For: "PALLADIUM-CONTAINING
PARTICLES, METHOD AND APPARATUS
OF MANUFACTURE, PALLADIUM-
CONTAINING DEVICES MADE
THERFROM"

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to Applicant's duty of disclosure under 37 CFR § 1.56 and 37 CFR §§ 1.97-1.98, Applicant hereby submits the enclosed PTO Form 1449, although Applicant does not admit that any of such documents, alone or in any combination, is considered to be material to patentability as defined in 37 CFR § 1.56(b). Moreover, the inclusion of these documents is not to be construed as an admission by Applicant that each such document is prior art as to the above-identified application. Pursuant to the Official Gazette Notice of August 5, 2003, copies of any U.S. Patents or published U.S. Patent Applications are not being submitted herewith. Copies of any foreign patent and non-patent documents are submitted herewith.

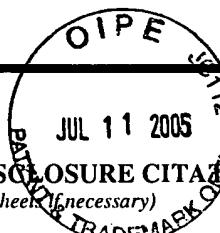
Respectfully submitted,

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Date: July 8, 2005

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INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Docket Number (optional) 41890-01693	Application Number 10/790,958
Applicant(s) HAMPDEN-SMITH et al.	
Filing Date March 2, 2004	Group art Unit 1775

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	1.	3,846,345	11/05/74	Mason et al.	252	514	
	2.	4,130,671	12/19/78	Nagesh et al.	427	125	
	3.	4,023,961	05/17/77	Douglas et al.	75	.5AC	
	4.	4,274,877	06/23/81	Collier et al.	75	252	
	5.	4,396,420	08/02/83	Schmidberger et al.	75	0.5AC	
	6.	4,539,041	09/03/85	Figlarz et al.	75	0.5A	
	7.	4,897,110	01/30/90	Kock et al.	75	0.5A	
	8.	5,126,915	06/30/92	Pepin et al.	361	304	
	9.	5,288,430	02/22/94	Amemiya	252	512	
	10.	5,356,842	10/18/94	Yamakawa et al.	501	87	
	11.	5,402,305	03/28/95	Asada et al.	361	305	

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
	A.	62-2404	01/08/87	Japan			X	
	B.	63-31522	06/24/88	Japan			X	
	C.	0 537502	04/21/93	EPO				X
	D.	0 593 167	04/20/94	EPO				
	E.	6-172802	06/21/94	Japan			X	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

i.	Che, Shenglei et al., "Evolution of Particle Structure During the Formation of Single-Crystal Spherical Palladium Particles By Spray Pyrolysis," J. Ceram. Soc. Japan, Vol. 105, No. 4 (1997), pp. 299-303.
ii.	Che, Shenglei et al., "Preparation And Formation Mechanism Of Silica-Encapsulated Palladium Particles By Spray Pyrolysis," J. Ceram. Soc. Japan, Vol. 105, No. 3 (1997), pp. 269-271 [Japanese text with English Abstract].

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application

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*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	12.	5,420,744	05/30/95	Asada et al.	361	305	
	13.	5,421,854	06/06/95	Kodas et al.	75	355	
	14.	5,429,657	07/04/95	Glicksman et al.	75	351	
	15.	5,439,502	08/08/95	Kodas et al.	75	365	
	16.	5,495,386	02/27/96	Kulkarni	361	303	
	17.	5,512,379	04/30/96	Kawasumi et al.	428	548	
	18.	5,616,165	04/01/97	Glicksman et al.	75	369	
	19.	5,852,768	12/22/98	Jacobsen et al.	419	63	
	20.	5,928,405	07/27/99	Ranada et al.	75	337	
	21.	6,165,247	12/26/00	Kodas et al.	75	331	
	22.	6,277,169	08/21/01	Hampden-Smith et al.	75	336	
FOREIGN PATENT DOCUMENTS							
REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
F.	8-170112	07/02/96	Japan			X	
G.	0 776 717	06/04/97	EPO			X	
OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
iii.	Che, Shenglei et al., "Effect of Calcium Modification On The Microstructure and Oxidation Property of Submicron Spherical Palladium Powders," J. Mater. Res., Vol. 12, No. 2 (Feb. 1997), pp. 392-397.						
iv.	Che, Shenglei et al., "Effects of Starting Materials On The Preparation Of Spherical Pd Powders By Ultrasonic Spray Pyrolysis," J. Ceram. Soc. Japan, Vol. 104, Int. Ed. (1996), pp. 39-44.						
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